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## **SS 2858B: Probability and Statistics II Course Outline**

### **1. Course Information**

I believe that students learn best in an inclusive, welcoming environment that sparks questions, discussions and respect from all sides. For this reason, a typical class will involve a lecture period discussing and explaining the material, broken up with non-graded check ins (through the use of

Classes begin: January 9, 2023

Reading Week: February 18 – 26, 2023

Classes end: April 10, 2023

Exam period: April 13 – 30, 2023

Week	Dates	Class	Tutorial	Assignment
1	Jan 9	Course Intro		
	Jan 11	7.1		
	Jan 13	7.2		

	Mar 28		Review 10.1 – 10.4	
	Mar 29	10.5		
	Mar 31	10.5		
13	Apr 3	10.6		
	Apr 4		Quiz 4: 10.1-10.4	
	Apr 5	10.6		
	Apr 7	Catch-up		
14	Apr 10	Exam Review		Assignment 4: Chapter 10

### Contingency plan for an in-person class pivoting to 100% online learning

In the event of a COVID-19 resurgence during the course that necessitates the course delivery moving away from face-to-face interaction, affected course content will be delivered entirely online, either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on OWL for students to view at their convenience). The grading scheme will **not** change. Any remaining assessments will also be conducted online as determined by the course instructor.

## 4. Course Materials

The required text for this course is:

Devore, JL and Berk, KN (2012) Modern Mathematical Statistics with Applications. 2nd Edition. Springer.

You may access a free electronic copy of this book in PDF or EPUB format through Western Libraries by following this link to [Springer Link](#). From there you can also purchase a softcover copy of the book if you prefer.

We will cover most of Chapters 1 through 6 in the text except for the sections which rely on multivariate calculus.

Students are responsible for checking the course OWL site (<http://owl.uwo.ca>)

# 5. Methods of Evaluation

The overall course grade will be calculated as listed below:

Assignments (4)	20%
Quizzes (4)	15%
Midterm Test	25%
Final Exam	40%

## Assessment Descriptions

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## 6. Student Absences

If you are unable to meet a course requirement due to illness or other serious circumstances, please follow the procedures below.

### **Assessments worth less than 10% of the overall course grade:**

The assignments have late coupons to account for any extensions needed, for any reason. No extensions will be given beyond this. For quizzes, the lowest mark gets dropped, so no quizzes will be excused. If you miss a quiz for any reason, that quiz will count as your dropped quiz.

### **Assessments worth 10% or more of the overall course grade:**

For work totalling 10% or more of the final course grade, you must provide valid medical or supporting documentation to the Academic Counselling Office of your

<https://multiculturalcalendar.com/ecal/index.php?s=c-univwo>.

## **Accommodat**

Western is committed to reducing incidents of gender-based and sexual violence and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced sexual or gender-based violence (either recently or in the past), you will find information about support services for survivors, including emergency contacts at

[https://www.uwo.ca/health/student\\_support/survivor\\_support/get-help.html](https://www.uwo.ca/health/student_support/survivor_support/get-help.html).